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**Sent:** 4/19/2013 5:47:10 PM  
**To:** Cogliano, Vincent [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=51f2736376ac4d32bad2fe7cfef2886b-Cogliano, Vincent]; Flowers, Lynn [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=1a4411c874d041b9a8badfc32b91bd70-Flowers, Lynn]  
**CC:** Deener, Kathleen [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B9a2ff1c086249ea8f6414afde8a5e54-Deener, Kathleen]  
**Subject:** For review: responses to Ramazzini/ETBE questions

Hi Vince & Lynn,

We received an inquiry from Dr. Douglas McGregor (a toxicology consultant in the UK) about Ramazzini and the hold placed on ETBE. Below are his questions (in bold) and some draft responses. Please let me know if you have any edits or additions. Vince – would you like this response to come from you, or would you prefer that Kacee contact Dr. McGregor?

Thanks!

Questions:

Some years ago I wrote a review of ETBE toxicology and I have recently been asked to prepare an up-date that would incorporate more recent (Japanese) carcinogenicity studies and some mode of action experiments. I am of course aware of the IRIS work on this compound and that it is more recent than my 2007 publication (Crit Rev Toxicol 37:287-312). I am also aware of the self-imposed delay in your work resulting from the NIEHS partial pathology review of some studies at the Ramazzini laboratories. With this as background, I have two questions: **(1) is that self-imposed IRIS delay still in place and (2) has there been any further pathology review of chemicals tested at the ERF laboratories? The latter might include chemicals in addition to ETBE, MTBE, methanol, acrylonitrile, vinyl chloride, but could also include a pathology review of these same chemicals broader than the one conducted jointly by EPA and NTP and made public on 29 November 2011.**

Draft response:

**Deliberative Process / Ex. 5**

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